

Title (en)

SYSTEMS, DEVICES, ARTICLES, AND METHODS FOR CALIBRATION OF RANGEFINDERS AND ROBOTS

Title (de)

SYSTEME, VORRICHTUNGEN, ARTIKEL UND VERFAHREN ZUR KALIBRIERUNG VON ENTFERNMUNGSMESSERN UND ROBOTERN

Title (fr)

SYSTÈMES, DISPOSITIFS, ARTICLES ET PROCÉDÉS D'ÉTALONNAGE DE TÉLÉMÈTRES ET DE ROBOTS

Publication

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Application

EP 18878456 A 20181107

Priority

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Abstract (en)

[origin: WO2019095045A1] Systems, devices, articles, and methods, described in greater detail herein, including robotic systems which include at least one rangefinder, at least one manipulator, and at least one processor in communication with the at least one rangefinder, and methods of operation of the same. The at least one processor obtains rangefinder pose information which represents, at least, the at least one manipulator in a plurality of poses. The at least one processor obtains manipulator pose information, optimizes a model of mismatch between the rangefinder pose information and the manipulator pose information, wherein the model of mismatch includes a plurality of parameters, and updates at least one processor readable storage device with the plurality of parameters based at least in part on the optimization.

IPC 8 full level

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Citation (search report)

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Designated contracting state (EPC)

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